

Date Opened: 14 December 2009

Job #: 786
Project: Mid Height Mounting Beams ²~~0~~ + 1 w/RH step)
Type: Eurocopter AS350/AS355 Series

Approval: SH08-16
Drawing List: DCL786-3, Rev. 2

| <u>Fabrication and Assembly Drawing(s)</u> | <u>Description</u> |
|--|-----------------------------|
| 78632, Rev. 0 | Mid Height Beam Fabrication |

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

| | |
|---|------------|
| Project is on Approval Limitation Record: | <u>Y</u> ✓ |
| Document Control List revision level matches (or exceeds) STC: | <u>Y</u> ✓ |
| Drawings revision levels match Document Control List: | <u>Y</u> ✓ |
| Purchase order or Work order source is recorded for each part/ass'y: | <u>Y</u> ✓ |
| Tests and inspections specifically called out on drawings are complete: | <u>Y</u> ✓ |
| Release tags associated with all fabricated parts are attached: | <u>Y</u> ✓ |
| All mounting hardware and supplies are included: | <u>Y</u> ✓ |

List all non-conformities raised: _____

Welder Signature: _____ Date: _____

Inspector Signature: W. Ch... Date: 26 FEB 2010

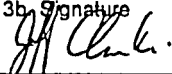
Drawing: 78632 Revision 0
 Assembly: 78632-01 Mid Beam Ass'y; 78632-11 Mid Beam Ass'y w/ RH Step
 Batch Quantity: 7 / 1

| Qty | Part # | Description | Material | P.O.W.O. | Checked |
|----------------|-----------|------------------------------|---|----------|---------|
| 8 ³ | 78632-01 | Mid Beam Assembly | | | |
| .1 | 78632-02 | Tube | 1x2x0.12 Tube, 304 Stainless Steel | 8098 | |
| .1 | 78630-03 | Cap | 0.025" Sheet, 321 Stainless Steel | 7006 | |
| .4 | 78630-04 | Bushing | 0.375 x 0.065 Tube, 304 Stainless Steel | 9086 | |
| .1 | 69830-07 | Block | 0.188 Sqr Bar, 304 Stainless Steel | 9011 | |
| .1 | 69830-11 | Guide | 0.75 x 0.065 Tube, 304 Stainless Steel | 9011 | |
| .1 | 69830-21 | Stop | 0.625 Rod, 6061-T6 Aluminum | 8049 | |
| .1 | 69830-22 | Knob | 0.75 Rod, 6061-T6 Aluminum | 3005 | |
| .1 | 69830-23 | Spring | 15mm x 70mm Spring, Stainless Steel | 9091 | |
| .1 | | #10-32 C'sunk screw | Stainless Steel | 9053 | |
| .1 | MS21044C3 | Nut | | 9056 | |
| 1 | 78632-11 | Mid Beam Assembly w/ RH Step | | | |
| .1 | 78632-01 | Mid Beam Assembly | Above | | |
| .1 | 82735-03 | Tube | 1.0 x 0.035 Tube, 316 Stainless Steel | 9079 | |
| .1 | 82735-06 | Cap | 0.050 Sheet, 321 Stainless Steel | 2195 | |

| Processes | Per | Mat'ls Used | Initials |
|------------------|---------------|--------------------|----------|
| Welding | AMS 2685C | Welding Rod ER308L | |
| Powder Coat | Drawing 78632 | | |
| Final Inspection | Drawing 78632 | | |

Tag incomplete parts with Work Order # when stored between processes.



Tag complete parts / assemblies with Release Tag prior to storage.

| | | | | | |
|--|--|---|---|-----------------------------------|---|
| 1. Approving Civil Aviation Authority/Country Transport Canada | | 2. AUTHORIZED RELEASE CERTIFICATE FORM ONE | | | 3. Form Tracking No. |
| 4. Organization Name and Address AERO Design Ltd. – 2013 39 th Avenue NE, Calgary, Alberta, T2E 6R7 | | | | | 5. Work Order/Contract/Invoice WO2009-26 |
| 6. Item | 7. Description Beam - RH Step | 8. Part Number 78632-11 | 9. Qty. 1 | 10. Serial/Batch No. N/A | 11. Status/Work New |
| 12. Remarks Painted Red. | | | | | |
| 13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12. | | | 14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations. | | |
| 13b. Signature  | 13c. Approved Organization Number AMF 73-04 | | 14b. Signature | 14c. Approved Organization Number | |
| 13d. Name JEFF CLARKE | 13e. Date (dd/mmm/yyyy) 12 Jan 2010 | | 14d. Name | 14e. Date (dd/mmm/yyyy) | |
| <p style="text-align: center;">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p> | | | | | |

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|---|------------------------|--|--|-----------------------------|---|--|
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| 4. Organization Name and Address AERO Design Ltd. – 2013 39 th Avenue NE, Calgary, Alberta, T2E 6R7 | | | | | 5. Work Order/Contract/Invoice WO2009-26 | |
| 6. Item | 7. Description Beam | 8. Part Number 78632-01 | 9. Qty. 1 | 10. Serial/Batch No. N/A | 11. Status/Work New | |
| 12. Remarks Painted Red. | | | | | | |
| 13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12. | | | 14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations. | | | |
| 13b. Signature <i>Jeff Clarke</i> | | 13c. Approved Organization Number AMF 73-04 | | 14b. Signature | | 14c. Approved Organization Number |
| 13d. Name JEFF CLARKE | | 13e. Date (dd/mmm/yyyy) 12 Jan 2010 | | 14d. Name | | 14e. Date (dd/mmm/yyyy) |
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| 4. Organization Name and Address AERO Design Ltd. – 2013 39th Avenue NE, Calgary, Alberta, T2E 6R7 | | | | | 5. Work Order/Contract/Invoice WO2009-26 |
| 6. Item | 7. Description | 8. Part Number | 9. Qty. | 10. Serial/Batch No. | 11. Status/Work |
| | Beam | 78632-01 | 2 | N/A | New |
| 12. Remarks | | | | | |
| 13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12. | | | <div style="border: 1px solid black; padding: 5px;"> 14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i>. </div> | | |
| 13b. Signature  | | 13c. Approved Organization Number AMF 73-04 | | 14b. Signature 14c. Approved Organization Number | |
| 13d. Name JEFF CLARKE | | 13e. Date (dd/mm/yyyy) 26 FEB 2010 | | 14d. Name 14e. Date (dd/mm/yyyy) | |
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